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DEC 26 2002  
PATENT & TRADEMARK OFFICE  
#12  
SUPP  
IDS  
4-3-03  
Ratko

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. .... 10/050,373  
Filing Date ..... January 15, 2002  
Inventor ..... Gurtej S. Sandhu et al.  
Assignee ..... Micron Technology, Inc.  
Group Art Unit ..... 2813  
Examiner ..... Laura M. Schillinger  
Attorney's Docket No. .... MI22-1896  
Title: Methods of Forming a Nitrogen Enriched Region

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

References -See Attached Form PTO-1449

The Examiner's attention is directed to the references which are listed on the attached Form PTO-1449, copies of which are attached. No admission is made regarding whether all the submitted references are prior art.

Citation of the referenced art is respectfully requested.

Respectfully submitted,

Dated: December 26, 2002

By:

Jennifer J. Taylor, Ph.D.  
Reg. No. 48,711

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01/02/2003 CCHAU1 00000111 10050373

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180.00 OP

LIST OF ART CITED BY APPLICANT  
(Use several sheets if necessary)

DEC 26 2002

APPLICANT  
Gurtej S. Sandhu et al.FILING DATE  
January 15, 2002GROUP  
2813

PATENT &amp; TRADEMARK OFFICE

## U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
AS	AA	5,837,598	11/17/98	Aronowitz et al.			
AS	AB	US 6,450,116 B1	09/17/02	Noble et al.			
AS	AC	4,605,447	08/12/86	Brotherton et al.			
AS	AD	US 6,207,586 B1	03/27/01	Ma et al.			
AS	AE	5,837,592	11/17/98	Chang et al.			
AS	AF	5,334,554	08/02/94	Lin et al.			
AS	AG	US 6,297,162 B1	10/02/01	Jang et al.			
AS	AH	US 6,436,771 B1	08/20/02	Jang et al.			
	AI						
	AJ						
	AK						
	AL						

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## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM							
	AN							
	AO							
	AP							
	AQ							

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

*hanna Schaff*

DATE CONSIDERED

*7/25/03*

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

O I P E

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12-30-02

PTO/SB/21 (6-98)

Approved for use through 09/30/2000. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCEPlease type a plus sign (+) inside this box → 

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2813

\$

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number

10/050,373

Filing Date

January 15, 2002

First Named Inventor

Gurtej S. Sandhu et al.

Group Art Unit

2813

Examiner Name

L M Schillinger

Total Number of Pages in This Submission

Attorney Docket Number MI22-1896

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> PTO Return Receipt Postcard Check no. 137476 for \$180.00
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	<input type="checkbox"/> PTO Form-1449 with eight (8) cited references
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

Customer No. 021567

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## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name

Jennifer J. Taylor, Ph.D.; Reg. No. 48,711; Wells St. John

P.S.

Signature

*Jennifer J. Taylor*

Date

*December 26, 2002*

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name      Sent via EXPRESS MAIL; label no. EV 182656439 US

Signature

Date

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# FEE TRANSMITTAL for FY 2002

*Patent fees are subject to annual revision.*

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$)**180.00**

<i>C mpt if Known</i>	
Application Number	10/050,373
Filing Date	January 15, 2002
First Named Inventor	Gurtej S. Sandhu et al.
Examiner Name	Laura M. Schillinger
Group Art Unit	2813
Attorney Docket No.	MT22-1896

**METHOD OF PAYMENT (check all that apply)**

Check  Credit card  Money Order  Other  None

**Deposit Account:**

Deposit Account Number	23-0925
Deposit Account Name	Wells St. John P.S.

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>		(\$)	- 0 -

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			-20** =	X =	=
			- 3** =	X =	=

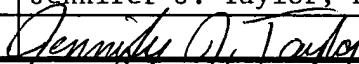
Large Entity	Small Entity	Fee Description	
Fee Code (\$)	Fee Code (\$)		
103 18	203 9	Claims in excess of 20	
102 84	202 42	Independent claims in excess of 3	
104 280	204 140	Multiple dependent claim, if not paid	
109 84	209 42	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>		(\$)	- 0 -

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Supplemental Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	
Other fee (specify) _____			
*Reduced by Basic Filing Fee Paid		<b>SUBTOTAL (3)</b>	<b>(\$)</b> 180.00

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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Jennifer J. Taylor, Ph.D.	Registration No. (Attorney/Agent)	48,711 Telephone (509) 624-4276
Signature		Date	12-26-2002

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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